

## SEARCH REQUEST FORM

Scientific and Technical Information Center

(49)

Requester's Full Name: Julie Anne Watko Examiner #: 77602 Date: 07/16/2003  
 Art Unit: 5652 Phone Number 305-7747 Serial Number: 09 811 606  
 Mail Box and Bldg/Room Location: CPK2-4R13 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

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 Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Magnetoresistive Sensor w/magnetic Domain Control Lyr w/High Electric Resistivity  
 Inventors (please provide full names): Takahashi, Hironasa; Arai, Reiko; Soeya, Susumu

Earliest Priority Filing Date: July 6, 2000

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

A magnetoresistive (MR) (sensor, head or element) <sup>or MRAM</sup>  
 with (domain control longitudinal bias) (layers or films)  
 (Barkhausen noise preventing)

having high (resistivity specific resistance)  $\geq 10 \text{ m}\Omega\text{cm}$   
 (milli-ohm-centimeter)  
 (m-ohm-cm)

especially a laminate of  $\text{SiO}_2$  glass insulator  
 with CoCrPt magnet

(See also attached claims)

7/16/03

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